

Qy 585 TCGGAGCGTCTATAGCTGACGCTGGCGCTGACCCGATCAATGCTTAGGAGAGAA 644
Db 564 TCGGAGTATGTTGTATCTTCGCTGCGTGATGATTCCTTTCGACTTTGTAAAGAGGGA 623
Qy 645 CTAAAGTGTAGGATGCAATTGGGAGCTTCAGCTCTCGAGGAGAAACGCGCTAG 704
Db 624 TGAAGTCTGAGGAGCCATCTTGAAGCTTTTCGCTTGTGAGGAGAGAGCTCCACAG 683
Qy 705 TGAATAGAGCAAGTTTGGTGTGATCGAGCGCTTTTACTTGAGGCTGATTCCT 764
Db 684 GTATCGTGAAGCAATTCGTTGTGAGCGTGGAGCGCTTTTACTTAAGGCTTATCCAC 743
Qy 765 CAGTGTGTGAGGAGGCTGAAGGCTTGTGTGAGGAGGCTGCTTCAGGATGTGCT 824
Db 744 AGTCTGATAGAGGCTGAGGCTCTGCTGAGCGCTGCTGCTGCTGCTGCTGCTGCT 803
Qy 825 TATGTGAGGAGCGCTGAGGAGCTTTGTCTGAGGAGGAGGCTTAAAGGAGGAGG 884
Db 804 TATCTGAGGAGCTTGTGAGCTTCTGAGGAGGAGCTTGTGAGGAGGAGCTTAAAGGAGG 860
Qy 885 GTTGTGAGGAGGAGCTTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 944
Db 861 GATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 920
Qy 945 ATTAGCAAGTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 989
Db 921 ATTAGCAAGTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 980
Qy 990 GTTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1049
Db 981 GATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1040
Qy 1050 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1109
Db 1041 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1100
Qy 1110 AGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1169
Db 1101 AGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1160
Qy 1170 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1229
Db 1161 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1220
Qy 1230 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1289
Db 1221 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1280
Qy 1290 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1349
Db 1281 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1340
Qy 1350 CTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1409
Db 1341 CATGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1400
Qy 1410 CGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1469
Db 1401 CGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1460
Qy 1470 GGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1529
Db 1461 GGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1520
Qy 1530 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1589
Db 1521 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1580
Qy 1590 AGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1649
Db 1581 AGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1640
Qy 1650 GGTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1709

Db 1641 GAGCTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1700
Qy 1710 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1769
Db 1701 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1760
Qy 1770 CCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1829
Db 1761 CCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1820
Qy 1830 GGAATCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1889
Db 1821 GGAATCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1880
Qy 1890 GTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1949
Db 1881 GTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1940
Qy 1950 GGAATCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 2009
Db 1941 GGAATCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 2000
Qy 2010 ATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2069
Db 2001 ATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2060
Qy 2070 AATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2129
Db 2061 AATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2120
Qy 2130 TGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2189
Db 2121 AATGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2180
Qy 2190 GTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2249
Db 2181 GTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2240
Qy 2250 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2309
Db 2241 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2300
Qy 2310 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2369
Db 2301 GGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2360
Qy 2367 CTATGCTTCAAAATG 2383
Db 2361 CAATTGATCTTCACTG 2377

RESULT 4

US-09-425-055-23

Sequence 23, Application US/09425055

Patent No. 6931084

GENERAL INFORMATION:

APPLICANT: ODSU, OHIO

APPLICANT: NOZAKI, JINSHI

APPLICANT: KIDA, TADAO

TITLE OF INVENTION: RAFFINOSE SYNTHASE GENE, METHOD FOR PRODUCING RAFFINOSE, AND TRAN

TITLE OF INVENTION: PLANT

FILE REFERENCE: 00101040000

CURRENT APPLICATION NUMBER: US/09425,055

CURRENT FILING DATE: 1999-10-22

PRIOR APPLICATION NUMBER: PCT/JP97/03878

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: JP 9-111124

PRIOR FILING DATE: 1997-04-28

PRIOR APPLICATION NUMBER: US 08/846,234

PRIOR FILING DATE: 1997-04-28

PRIOR APPLICATION NUMBER: JP 8-198079

PRIOR FILING DATE: 1996-07-26

PRIOR APPLICATION NUMBER: JP 8-107682
 PRIOR FILING DATE: 1996-04-26
 NUMBER OF SEQ ID NOS: 30
 SOFTWARE: PatSeq version 3.1
 SEQ ID NO 23
 LENGTH: 2760
 TYPE: DNA
 ORGANISM: Glycine max cv. Clark63
 NAME/KEY: CDS
 LOCATION: (136)..(2405)
 OTHER INFORMATION:
 US-09-425-055-23

Query Match 10.0%; Score 249.4; DB 3; Length 2780;
 Best Local Similarity 48.6%; Pred. No. 8.2e-67;
 Matches 961; Conservative 0; Mismatches 962; Indels 75; Gaps 8;

Qy 266 GTTTCGCTTGGTGGCTTCCAGCGGACGAGCCAGACGACGACGATTCCTCCGCGG 325
 Db 279 GGGTCTTCTGTGTGGCCAGCTTCACACAGCAAAATCTCCATGTGTTTCCATGGT 338
 Qy 326 AAGCTCAGAGGATAAAATCATGACATATTCGGTTTAGGTGTGGGACCATCTAC 385
 Db 339 GTTATAGAGAGCTCCGGTTCATGTGTGTTCTGGTCAAGTATGTGTGATGATCAG 398
 Qy 386 TGGTGGTATGACACGGACAGCACTGGAGCAGGACAGACAGATGATCTCTCCAGAA 445
 Db 399 AATAGGAGCACTTGGGAGGAGTGTCTCTGGAGACTCAATTCATGCTTATGAGAGC 458
 Qy 446 AAGAAC-----AGCTGGACGCCCTTGTGTGATCTCCGCTAC 487
 Db 459 AAGAGAGGTGAATCATGGGAGAAATCTCCATCATCTACACTCTGCTCTCTCTCTC 518
 Qy 488 CTCAGAGCTCTGTTCCAGAGCTCTCTGCAAGCCGCTTGGATGTTACGTGACCTTTC 547
 Db 519 CTCAGAGCTCAATTCGAGCTGTCTCTCAAGGAAATGACAGAAAGAGATAGAGTTTC 578
 Qy 548 ATGAGAGAGGGGTGACAGCTGTCTGTGGCTCAGCTTCGGGAGTGTCTATACGCTCAC 607
 Db 579 CTCAGAGCTGGGATAATGCACTTGAGACTGACCAAGGCCCTCATAGTGTACATGAT 638
 Qy 608 GTTCCCATCAGCCGCTACGTCTCTAGAGAGCACTAAGCTGTAGAGCATTTG 667
 Db 639 GCTGGAGCAATCTCTTGAAGTCTCAATCAAGCTGCAAGGCTGTGGAAAAACATCAT 698
 Qy 668 CGAGGCTTCAAGCTCTGAGGAGAAACGCGCCAGTATAGACAGTGTGGTGT 727
 Db 699 CAACTTTCTCTGTCGAGAGAAAGAGTGGCATCTGCTTGAAGTGTGGATGG 758
 Qy 728 TGTATAGAGGAGCGCTTTACTTGAAGTGCATCTCCAGTGTGTGGAGAGGGTGAA 787
 Db 759 TGTATAGAGTGTCTTCTATCATGATCAGACAGTGAAGGCTGTGGAGAGGCTGAA 818
 Qy 788 GATGTGTGTGAGAGAGGGTCCCTCCAGGAGTGTCTTAATGAGCAAGGGTGGACCC 847
 Db 819 AATGTATCAGAGAGGATCACTCCAGGATCTCTCATATAGCATGTGTGGACAG 878
 Qy 848 ATTGTCTCAGAGAGGACCCATTAAGGACCAAGAGGTATGAGAGCACTCCGAGGG 907
 Db 879 ATTGAATATAAGCAAGAGCTCACTAGTATTTGG-----TACAGAGAGA 926
 Qy 908 GAGCAATGCGATCAGAGTGTGGTGTGTGAGGAAATCAAGTTCAAGCATATGTT 967
 Db 927 GCAAGTTTCTACTAGTGTGATGATTAAGAGGATATAAATTCAGAAAGATTA 986
 Qy 968 AGTGGAGAGATCTGAGAGAGGTATGGTGGCTTTTAGGAGCTTGAAGAACATTT 1027
 Db 987 GAGACATACAGAGATGTCAGGCTGAAGCACTAGTACATGAGCAAG-----CAGCAT 1043
 Qy 1028 ACGAGCTGGAGCAGGTATGTGTGGACGCGCTTTGTGGTATTGGGTGGGTGAGA 1087
 Db 1044 CACATCTGAAAAATGTATATGTATGCAATGCACTAGCTGGTATTGGGTGGAGTGAAG 1103

Qy 1088 CCCAAGTTCCGAGCATGCCAGCTAAGTGTGCA-----CTCCGAAGTGTCCAT 1141
 Db 1104 CAGAGCAACAGCATGAGATGAACTATTGACACTGCTTGGCATCTCAGTGAGTACCA 1163
 Qy 1142 GGCATAAATGACATGAAGGATTAGGGGTGAGTATGTCAGTACAGGATTTGA 1201
 Db 1164 GGGGTGTAGAGAACCAACCAACATGTGTATGAGCAGCTTGGCTTACATGACCTTGGC 1223
 Qy 1202 CTGGTGCACACACATGCTGCTCTCTTGTGAGGGGCTCCACTCCGCTTGGATCT 1261
 Db 1224 CTAGTACCCCAAGAGAGGTTTCAATTTGTACACAGAGCTCATGCTTACTTACTCT 1283
 Qy 1262 GGGGTATTGAGGTTAAGGTTGAGCTTATCACTTGGCTGAGAGTGTATCGAGAA 1321
 Db 1284 TGTGGATGATGTGAGTGAAGGTTGATGTGCAGAACATTATGAGACCCCTTGGTGGGA 1343
 Qy 1322 TAGGTTGGCTGTGAGTACAGCAAACTTATACAAAGGCTCACTGCTCGGTGAAG 1381
 Db 1344 CATGTGGCGAGTGTCACTTACTGGCAGATCATCATCGGCTTGAGGCTTCCATGCT 1403
 Qy 1382 AAGCATTTCAAGGCAATGGGTCATTGAGACATGGAGCATGTATGATGCTTCTTCTC 1441
 Db 1404 AGCAATTTACTGATAAAGATGCAATGGGTGTATGTGTCAACACTCA-----TGGATT 1460
 Qy 1442 CTGTGTACGAGGACATGACCTTTGGGCGGTGAGAGATGTTTGTGTCATCTATCCC 1501
 Db 1461 TATAGTCTAAGCAGACTGCTATTGGAGAGCTTCATGATGTTTATCCCTGGTGTACT 1520
 Qy 1502 TGTGGATCAAAATGGCAGTATTGGCTCAAAGGTGTACATGTGCTGCTGCTTAC 1561
 Db 1521 GCTTCCATACATCCATATTCTCTCT-----TGCATAC 1556
 Qy 1562 AAGCATCTGTGATGGAGAAATTTTATCAGCGGATGGAGCATGTTCGATCCATCAC 1621
 Db 1587 AACTCATATCTCTGGAGATCTCATCAAGCTGATGGGACATGTTCATGATTACAG 1616
 Qy 1622 CCTTGTGGCATTCATCCAGGCTCTAGGCGCATCTCTGGAGAGCATGTAGGTAGT 1681
 Db 1617 CCAGAGCAGATTATCATGCTGACCTTCGTCGATTTGGTGGATGTCTATATTAGTAG 1676
 Qy 1682 GATTTGTGTGAGAGCAACCTTCAAGTGTCTCAAGAGCTTGCTTGTGCTTAGAGGAG 1741
 Db 1677 GACAAGCCAGCATCAATTTGATCTCTTCAAGAGCTGTCTCCGAGTGGTGTG 1736
 Qy 1742 ATTTTGTGTCTCAACATATGCACTCCGACAGAGACTGTGTGTGAGAGCCCTTG 1801
 Db 1737 GTTCTCGGTGTCTAGTACTTGGAGGCCAATCTGATGATCTTATTTGTGGATCAGCC 1796
 Qy 1802 CATGTGGAGAGCATGCTCAAAATTTGATGCTCAACAAATATACAGTGTGTGGGT 1861
 Db 1797 AGAGTAGAGTAGCTGTCTCAAAATATGAACTGAACAAATGCTCTGAGGATTTGTT 1856
 Qy 1862 CTATTAATTCAGAGAGGTTGGTGTGCTCCCACTAGGAGAACAGAGTGCTCT 1921
 Db 1857 GTATTTAATCCAGGAGTGTGAGTGTGAGATGAGAGAGAAACCGCATCATGAT 1916
 Qy 1922 GAATTTCAAGATCTGATGAGTGTAGAGGCTCAGGACATGATGAGAGAGAGGG 1981
 Db 1917 ACATCTCTGTGACTCACTCCGCTCTGTGTGAGCTCTGATGTGAGCTATC----- 1970
 Qy 1982 AAGAGCCATATGATTAAGAGGATGAATGTTTGTGTATATTGTTCAAGGACAC 2041
 Db 1971 ACAGAGTAGAGTGTCTGATGAGCTTGGAGATCAATTTGTTATCTTACAGTACAGT 2038
 Qy 2042 AACTAAGACTCATGAGGACATGAGAAATTTGAACTTCACTGAGCATTAATCTT 2101
 Db 2031 GAGTGTGTTGGTATCAAAAGGGTTTCAATTCAGTCACTATAAGTTCTGAGGTT 2090
 Qy 2102 GAGCTATGAGATGTCTCCAGTGTATTTGCTGCTCAAAAAGGTAAATCAATTTCCCA 2161
 Db 2091 GAGCTTTTCCATCTCTGCTCAATCCAGAAATAGCTCCAGATATATC-----ATTGACGA 2147

Qy 2162 ATGGAGTATGTAACATCTCTAACACTGGTGGCCATCTCATGTCATGAGTTGCAAC 2221
 Db 2148 ATAGAGCTACTGATGATGTCTCAACTGGAGGACATGAGCAGGTTGAGATTCATAAC 2207
 Qy 2222 CACATAGATGTGGTCAAAATGGGGTTAGGGTTGTGG 2269
 Db 2208 GAGGAGCAACGAACACATGCTCTTATGTTAAGGG 2245

RESULT 5

US-09-425-055-27

Sequence 27, Application US/09425055

Patent No. 6891684

GENERAL INFORMATION:

APPLICANT: OISHI, CHIKO

APPLICANT: MUKAMI, JINSHI

APPLICANT: KIDA, TAKAO

TITLE OF INVENTION: RAFFINOSE SYNTHASE GENE, METHOD FOR PRODUCING RAFFINOSE, AND TRAN

TITLE OF INVENTION: PLANT

FILE REFERENCE: 0101044000T

CURRENT APPLICATION NUMBER: US/09/425,055

CURRENT FILING DATE: 1999-10-22

PRIOR APPLICATION NUMBER: PCT/JP97/03879

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: JP 9-111124

PRIOR FILING DATE: 1997-04-28

PRIOR APPLICATION NUMBER: US 08/846,234

PRIOR FILING DATE: 1997-04-28

PRIOR APPLICATION NUMBER: JP 8-198079

PRIOR FILING DATE: 1996-07-26

PRIOR APPLICATION NUMBER: JP 8-107682

PRIOR FILING DATE: 1996-04-26

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patent in version 3.1

SEQ ID NO 27

LENGTH: 259

TYPE: DNA

ORGANISM: Arabidopsis thaliana

US-09-425-055-27

Query Match 3.14; Score 77; DB 3; Length 253;
 Best Local Similarity 59.24; Pred. No. 1.8e-13;
 Matches 148; Conservative 0; Mismatches 101; Indels 1; Gaps 1;

Qy 1584 TTTTCAGCTGATGTTGGAGCATGTTCCACCTCCACTCAGCTTGTGGGAAATTCATCCATG 1643

Db 4 TTTCAGCACTGCTGGGA-ATGTTTCATAGTCTACACCACTGAGATCACTGCTG 62

Qy 1644 CATTAGAGGCAATCTCTGTGACCACTTACGTTAGGATTTGTGTGGAAACACACT 1703

Db 63 CAGAGTGTGCACTGTGGTGGTGGCACTCTTGTGATGATGAGCAGGCAACCACT 122

Qy 1704 TCAAGCTGCTGAGGAGCTCTGCTGCTGATGGAGGAGTTTCCTGTTCAACATAG 1763

Db 123 TTGATTTATGAGCACTGCTCTCTCTGATGATCTAGTCTCTGGGCTAGATCCCG 182

Qy 1764 CATTGCTCAGACAGCACTCTTTGTAAGAGGCTTGTGATGAGGAGGATGATGCTCA 1823

Db 183 GTTACCTACCTGCTGATGATTTATGCTGATCTAGCTAGATGGATCTAGTGTGCA 242

Qy 1824 AATTTTGGGA 1833

Db 243 AGTTTGGGA 252

RESULT 6

US-08-232-463-14

Sequence 14, Application US/08232463

Patent No. 5673387

GENERAL INFORMATION:

APPLICANT: KREMER, F.

APPLICANT: SCHUEFLINGER, F.

APPLICANT: PALMER, F. G.

TITLE OF INVENTION: RECOMBINANT FOMLACK VIRUS

NUMBER OF SEQUENCES: 52

CORRESPONDENCE ADDRESS:

ADDRESSSEE: Foley & Lardner

STREET: 1800 Diagonal Road, Suite 500

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22313-0299

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232,463

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/935,313

FILING DATE:

APPLICATION NUMBER: EP 91 114 300.6

FILING DATE: 26-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 30472/114 1MMU

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)836-9300

TELEFAX: (703)683-4109

TELEX: 899149

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

CLONE: pTsgpt-Fls

US-08-232-463-14

Query Match 2.54; Score 62; DB 2; Length 7218;
 Best Local Similarity 3.64; Pred. No. 9.4e-08;
 Matches 14; Conservative 227; Mismatches 147; Indels 0; Gaps 0;

Qy 710 ATAGCAAGTTTGGTGTGTACATGGGAGTCCTTACTTGAAGTGTGACCTTCCAGT 769

Db 1451 ATAGCAAGTTTGGTGTGTACATGGGAGTCCTTACTTGAAGTGTGACCTTCCAGT 1392

Qy 770 GTTGTGGAGGGGTGGAAGGTTGTGTGGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 829

Db 1391 GTTGTGGAGGGGTGGAAGGTTGTGTGGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 1332

Qy 830 GACCAAGGCTGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 889

Db 1331 GTTGTGGAGGGGTGGAAGGTTGTGTGGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 1272

Qy 890 AATGCAAGCTCCCGAGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 949

Db 1271 AATGCAAGCTCCCGAGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGGAGTGTCTTAAT 1212

Qy 950 AAGTTCAGCAAGTTTGTGTGTGAGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGG 1009

Db 1211 AAGTTCAGCAAGTTTGTGTGTGAGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGG 1152

Qy 1010 GACTTGAAGCAAGTTTGAAGGCTGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGG 1069

Db 1151 GACTTGAAGCAAGTTTGAAGGCTGGAGGAGTGTGTGTGTCGAGGAGGAGTCCCTTCAGG 1092

Qy 1070 TATTGGGGTGGGCTGAGCCAGGCTTC 1097

Db 1091 TATTGGGGTGGGCTGAGCCAGGCTTC 1064